

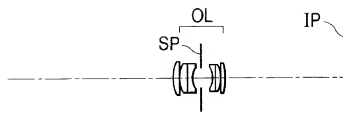
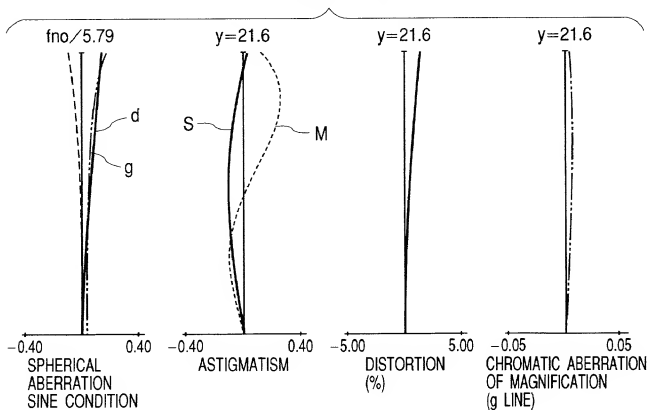
FIG. 1A**FIG. 1B****FIG. 2**

FIG. 3

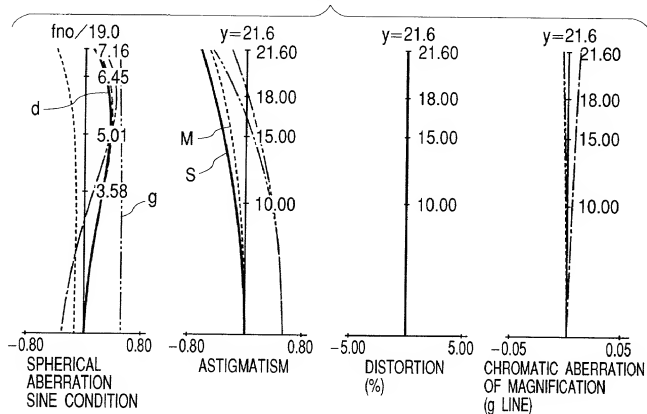


FIG. 4A

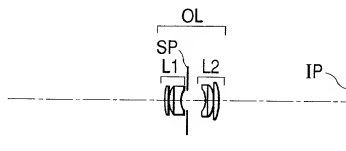


FIG. 4B



Four graphs showing optical aberrations for a lens system:

- Spherical Aberration Sine Condition:** Plot of $fno/5.78$ vs. aberration. Curves for g and d are shown.
- Astigmatism:** Plot of $y=21.6$ vs. aberration. Curves for S and M are shown.
- Distortion:** Plot of $y=21.6$ vs. aberration. A single vertical line is shown.
- Chromatic Aberration of Magnification (g line):** Plot of $y=21.6$ vs. aberration. A single vertical line is shown.

The figure consists of four sub-graphs, each representing a different type of optical aberration. The top row of graphs includes labels for focal length ($fno/17.4$) and field height ($y=21.6$).

- SPHERICAL ABERRATION SINE CONDITION:** The y-axis is labeled with values 3.23, 4.52, 5.81, and 6.46. The x-axis ranges from -0.80 to 0.80. Two curves are shown: a solid line labeled 'd' and a dashed line labeled 'g'.
- ASTIGTISM:** The y-axis is labeled with values 10.00, 15.00, 18.00, and 21.60. The x-axis ranges from -0.80 to 0.80. Two curves are shown: a solid line labeled 'S' and a dashed line labeled 'M'.
- DISTORTION (%):** The y-axis is labeled with values 10.00, 15.00, 18.00, and 21.60. The x-axis ranges from -5.00 to 5.00. A single solid vertical line is shown.
- CHROMATIC ABERRATION OF MAGNIFICATION (g LINE):** The y-axis is labeled with values 10.00, 15.00, 18.00, and 21.60. The x-axis ranges from -0.05 to 0.05. A single solid vertical line is shown.

FIG. 7A

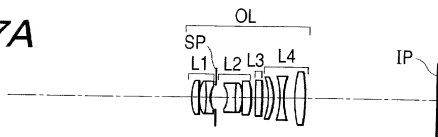


FIG. 7B



FIG. 8

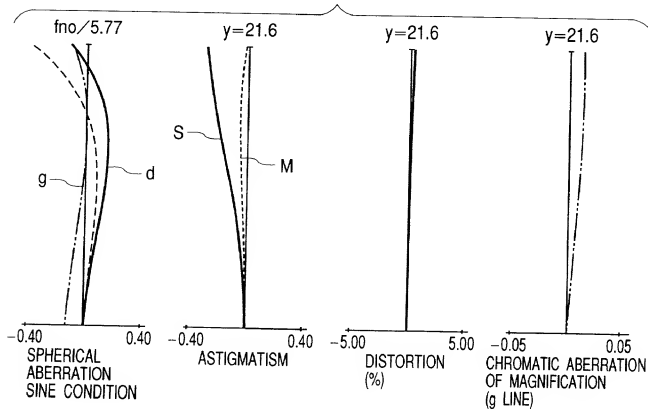


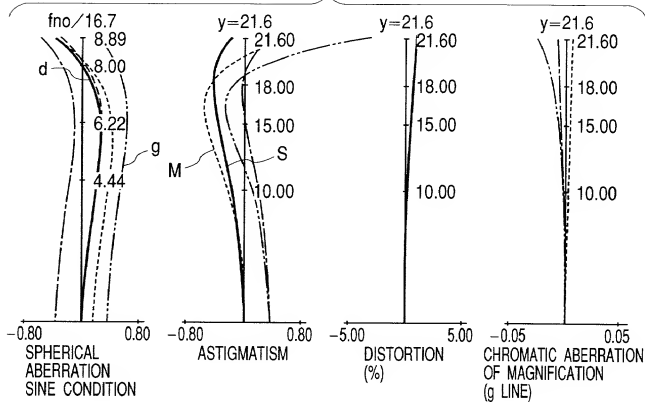
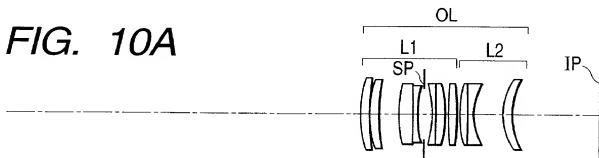
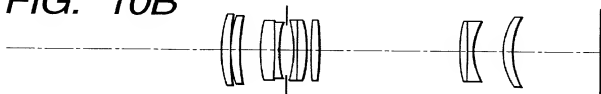
FIG. 9**FIG. 10A****FIG. 10B**

FIG. 11

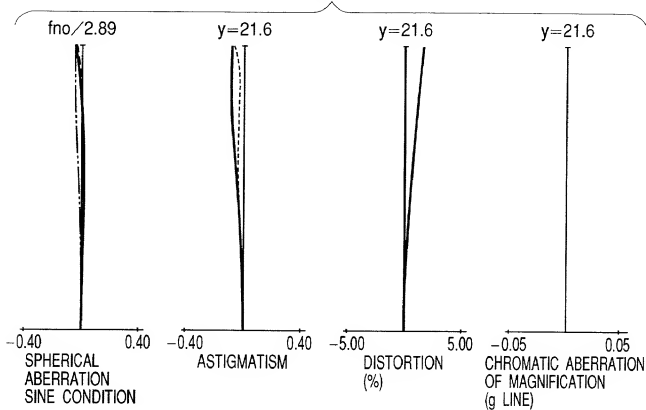


FIG. 12

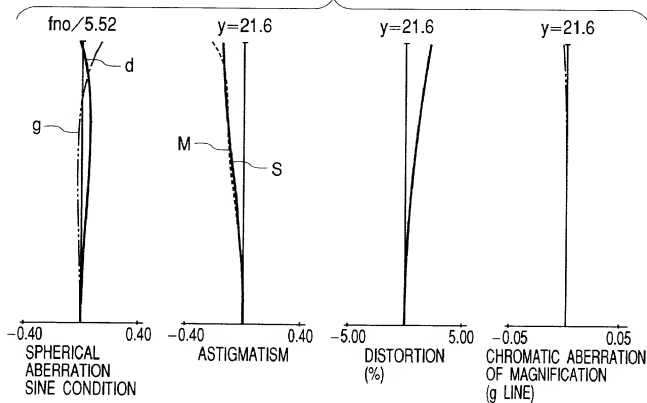


FIG. 13A

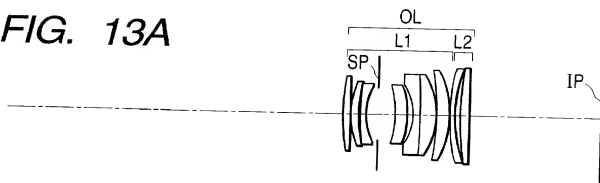


FIG. 13B

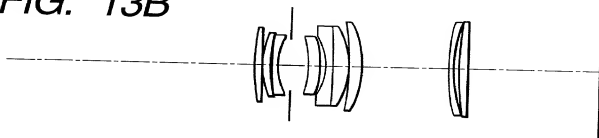


FIG. 14

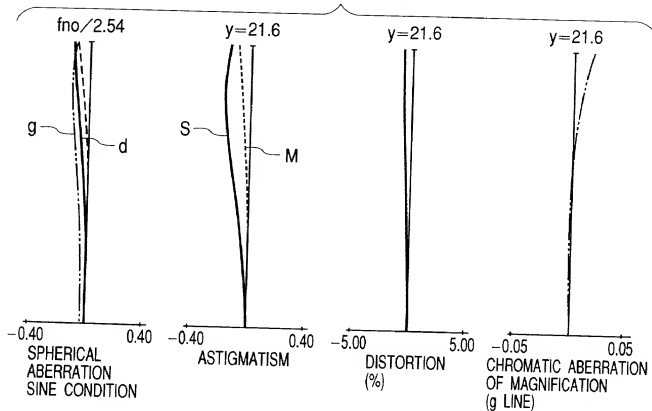


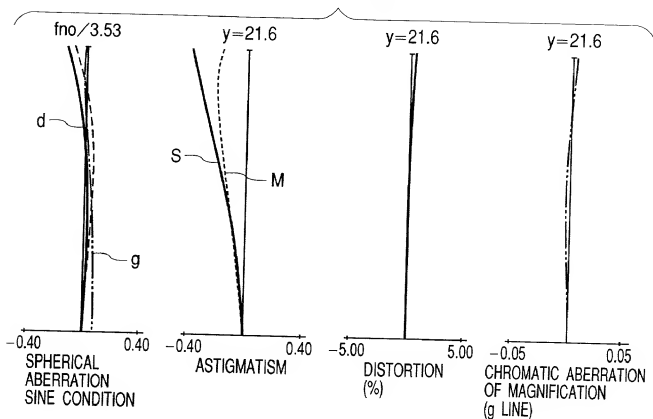
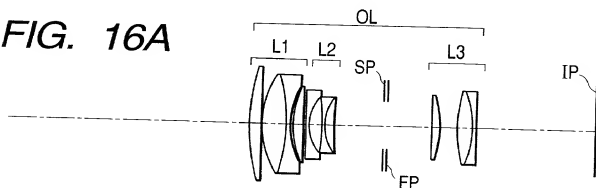
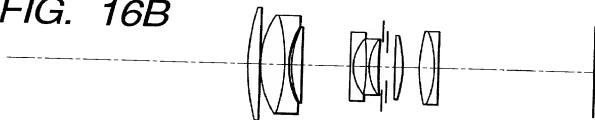
FIG. 15**FIG. 16A****FIG. 16B**

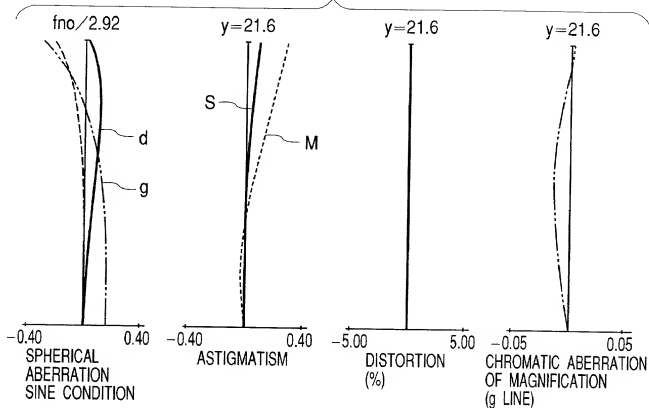
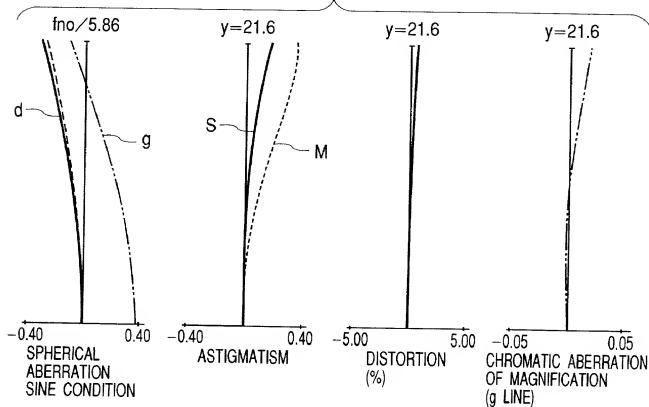
FIG. 17**FIG. 18**

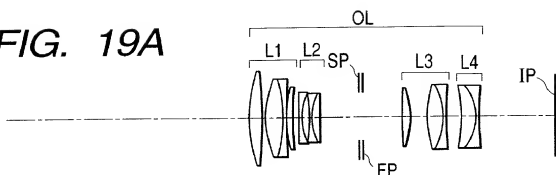
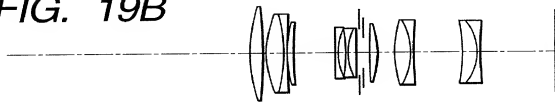
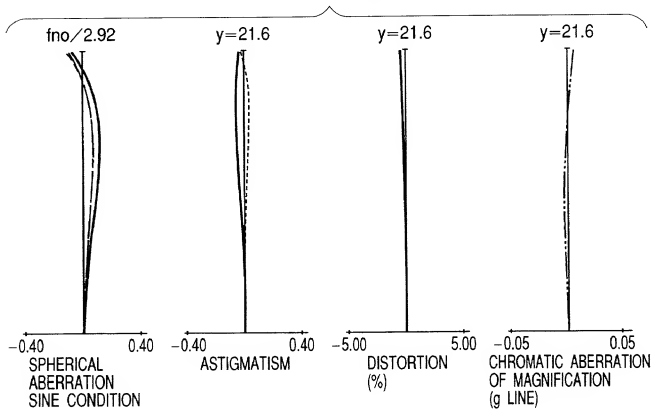
FIG. 19A**FIG. 19B****FIG. 20**

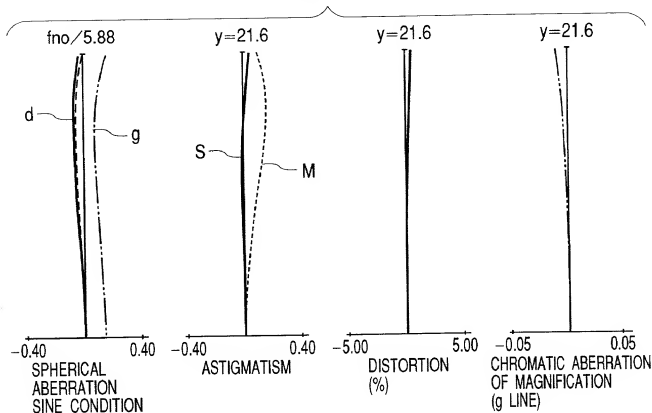
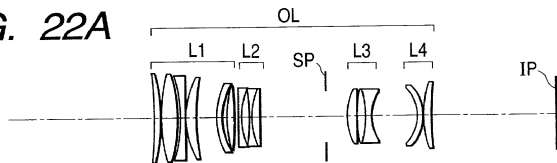
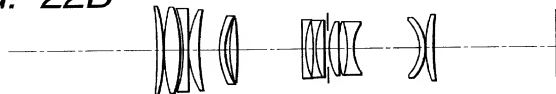
FIG. 21**FIG. 22A****FIG. 22B**

FIG. 23

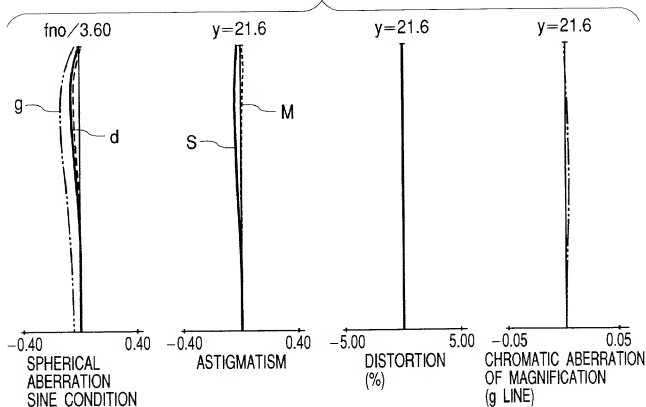


FIG. 24

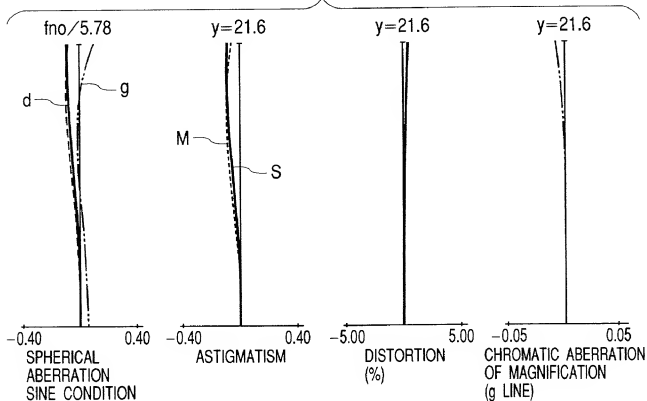


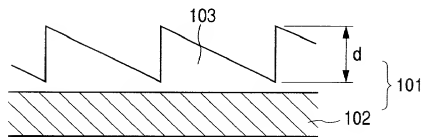
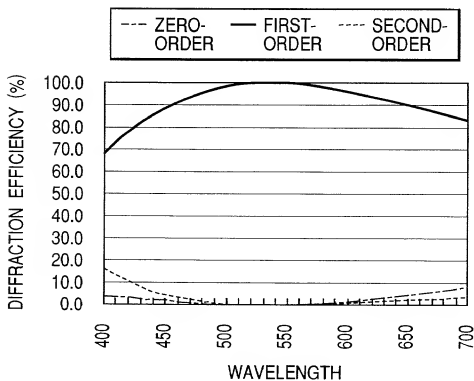
FIG. 25*FIG. 26*

FIG. 27

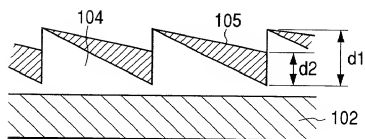


FIG. 28

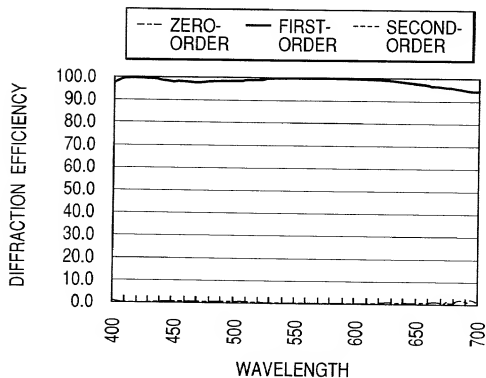
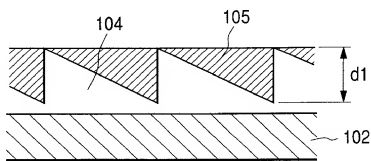


FIG. 29**FIG. 30**